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Amended Claims (Attorney Docket No. Mo 6151)

1. (Currently amended) A solid phase dispersion comprising a micronized quinolonecarboxylic acid or micronized naphthyridonecarboxylic acid in an insoluble matrix, wherein the particle size of the solid phase dispersion is about 20 to about 100 mesh size.
2. (Previously presented) The dispersion according to Claim 1, wherein the insoluble matrix is selected from the group consisting of shellac, high molecular weight polyethylene glycol, polyvinyl alcohol, poly(D,L,-lactic-co glycolic) acid and sugars.
3. (Original) The dispersion according to Claim 2, wherein the insoluble matrix is shellac.
4. (Previously presented) The dispersion of Claim 1, wherein quinolonecarboxylic acid or naphthyridonecarboxylic acid and the insoluble matrix are in a ratio of 1:0.5 to 10.
5. (Previously presented) The dispersion of Claim 4, wherein quinolonecarboxylic acid or naphthyridonecarboxylic acid and the insoluble matrix are in a ratio of 1:5 to 10.
6. (Currently amended) A method of preparing a solid dispersion of a quinolonecarboxylic acid or naphthyridonecarboxylic acid comprising
 - forming a hydrate of the micronized quinolonecarboxylic acid or micronized naphthyridonecarboxylic acid,
 - mixing said micronized quinolonecarboxylic acid or micronized naphthyridonecarboxylic acid with an insoluble matrix,
 - heating the mixture until it flows,
 - cooling the mixture to form a solid, and
 - comminuting the mixture to reduce particle size, wherein said particle size is about 20 to about 100 mesh size.
7. (Original) A feed formulation comprising feedstuff and the solid phase dispersion of Claim 1.
8. (Previously presented) A process for improving animal uptake of quinolonecarboxylic acid or naphthyridonecarboxylic acid comprising orally administering to the animal the solid phase dispersion of Claim 1 wherein the insoluble matrix is in an effective amount to mask the taste of the active agent.